

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.:

Group Art Unit:

Inventors: Facey et al.

Filed:

Title: METHOD FOR CENTERING A  
SPUTTER TARGET ONTO A  
BACKING PLATE AND THE  
ASSEMBLY THEREOF

Examiner:

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 CFR 1.51, 1.56 and 1.97 to 1.99, the list of references cited on the attached Form PTO-1449 is made of record to assist the Patent and Trademark Office in its examination of this application. A copy of each of the references cited is enclosed herewith. Since we have not received an Office Action on the merits, no fee is believed to be due.

This disclosure statement should neither be construed as a representation that a search has been made, nor as an admission that the information cited is, or is considered to be, material to patentability as defined in 1.56(b).

Respectfully submitted,



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Date: September 25, 2003

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| Form PTO-1449<br>(Rev. 8-83)   |  | U.S. Department of Commerce  |   | Atty. Docket No.<br>CS-21,294 |   | Serial No. |   |      |                 |                 |          |                               |  |  |  |  |      |         |       |          |                               |  |  |   |   |   |   |   |   |   |        |                |     |     |  |  |  |   |   |   |   |   |   |   |        |               |     |       |  |  |  |   |   |   |   |   |   |   |         |             |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Information Disclosure Citation</b><br><br>(Use several sheets if necessary)  |  |  |   | Applicants<br>Facey et al.    |   |            |   |      |                 |                 |          |                               |  |  |  |  |      |         |       |          |                               |  |  |   |   |   |   |   |   |   |        |                |     |     |  |  |  |   |   |   |   |   |   |   |        |               |     |       |  |  |  |   |   |   |   |   |   |   |         |             |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| U.S. PATENT DOCUMENTS  |  |  |   |                               |   |            |   |      |                 |                 |          |                               |  |  |  |  |      |         |       |          |                               |  |  |   |   |   |   |   |   |   |        |                |     |     |  |  |  |   |   |   |   |   |   |   |        |               |     |       |  |  |  |   |   |   |   |   |   |   |         |             |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Examiner<br>Initial  |  | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="8">Document Number</td> <td>Date</td> <td>Name</td> <td>Class</td> <td>Subclass</td> <td>Filing Date<br/>if Appropriate</td> </tr> <tr> <td></td><td></td><td>5</td><td>2</td><td>3</td><td>0</td><td>4</td><td>5</td><td>9</td> <td>7/1993</td> <td>Mueller et al.</td> <td>228</td> <td>164</td> <td></td> </tr> <tr> <td></td><td></td><td>5</td><td>5</td><td>9</td><td>3</td><td>0</td><td>8</td><td>2</td> <td>1/1997</td> <td>Ivanov et al.</td> <td>228</td> <td>122.1</td> <td></td> </tr> <tr> <td></td><td></td><td>5</td><td>8</td><td>3</td><td>6</td><td>5</td><td>0</td><td>6</td> <td>11/1998</td> <td>Hunt et al.</td> <td>228</td> <td>172</td> <td></td> </tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table> |   |                               |   |            |   |      | Document Number |                 |          |                               |  |  |  |  | Date | Name    | Class | Subclass | Filing Date<br>if Appropriate |  |  | 5 | 2 | 3 | 0 | 4 | 5 | 9 | 7/1993 | Mueller et al. | 228 | 164 |  |  |  | 5 | 5 | 9 | 3 | 0 | 8 | 2 | 1/1997 | Ivanov et al. | 228 | 122.1 |  |  |  | 5 | 8 | 3 | 6 | 5 | 0 | 6 | 11/1998 | Hunt et al. | 228 | 172 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  | 5  | 2 | 3                             | 0 | 4          | 5 | 9    | 7/1993          | Mueller et al.  | 228      | 164                           |  |  |  |  |      |         |       |          |                               |  |  |   |   |   |   |   |   |   |        |                |     |     |  |  |  |   |   |   |   |   |   |   |        |               |     |       |  |  |  |   |   |   |   |   |   |   |         |             |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  | 5  | 8 | 3                             | 6 | 5          | 0 | 6    | 11/1998         | Hunt et al.     | 228      | 172                           |  |  |  |  |      |         |       |          |                               |  |  |   |   |   |   |   |   |   |        |                |     |     |  |  |  |   |   |   |   |   |   |   |        |               |     |       |  |  |  |   |   |   |   |   |   |   |         |             |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| FOREIGN PATENT DOCUMENTS   |  |  |   |                               |   |            |   |      |                 |                 |          |                               |  |  |  |  |      |         |       |          |                               |  |  |   |   |   |   |   |   |   |        |                |     |     |  |  |  |   |   |   |   |   |   |   |        |               |     |       |  |  |  |   |   |   |   |   |   |   |         |             |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="8">Document Number</td> <td>Date</td> <td>Country</td> <td>Class</td> <td>Subclass</td> <td colspan="2">Translation<br/>Yes    No</td> </tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>   |   |                               |   |            |   |      | Document Number |                 |          |                               |  |  |  |  | Date | Country | Class | Subclass | Translation<br>Yes    No      |  |  |   |   |   |   |   |   |   |        |                |     |     |  |  |  |   |   |   |   |   |   |   |        |               |     |       |  |  |  |   |   |   |   |   |   |   |         |             |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| Other Documents (including Author, Title, Date, Pertinent Pages, Etc.)   |  |  |   |                               |   |            |   |      |                 |                 |          |                               |  |  |  |  |      |         |       |          |                               |  |  |   |   |   |   |   |   |   |        |                |     |     |  |  |  |   |   |   |   |   |   |   |        |               |     |       |  |  |  |   |   |   |   |   |   |   |         |             |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| <small>* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small> |  |  |   |                               |   |            |   |      |                 |                 |          |                               |  |  |  |  |      |         |       |          |                               |  |  |   |   |   |   |   |   |   |        |                |     |     |  |  |  |   |   |   |   |   |   |   |        |               |     |       |  |  |  |   |   |   |   |   |   |   |         |             |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |